

000220" 826T960

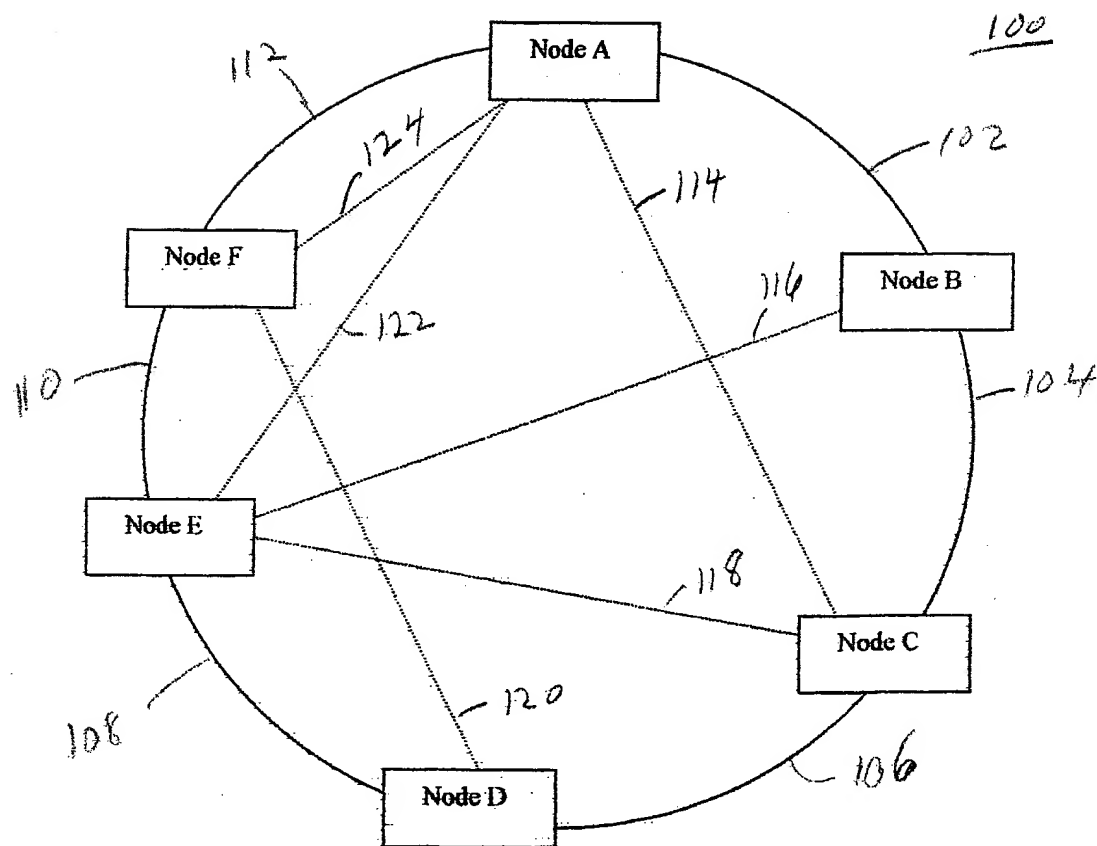


FIGURE 1

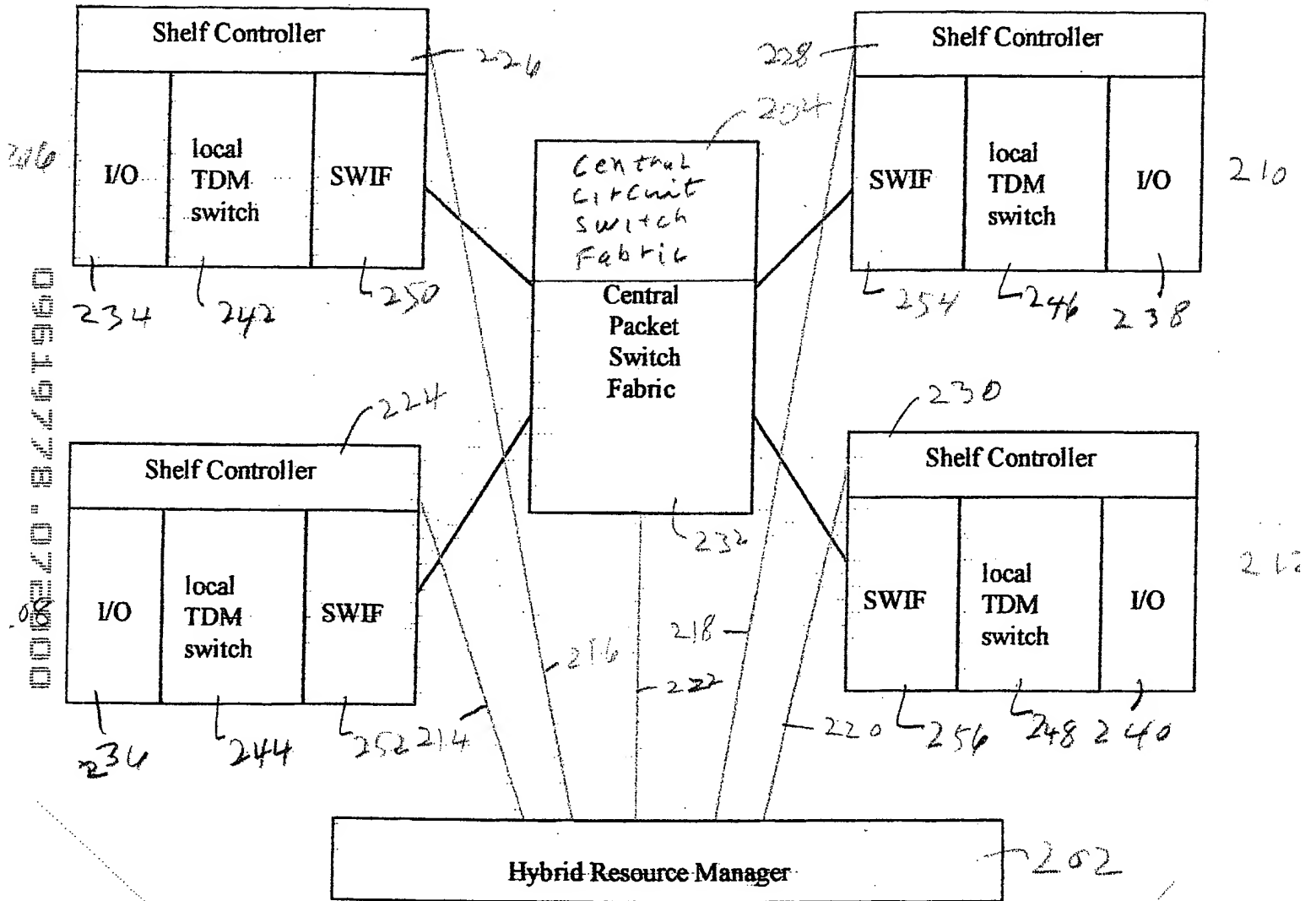


FIGURE 2

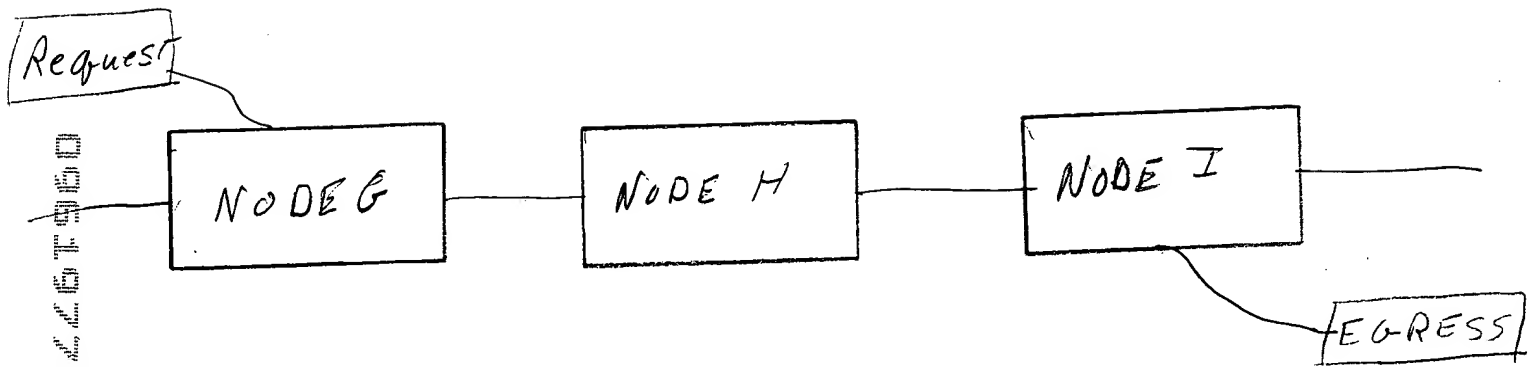


FIGURE 3

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graph TD
    400([BEGIN 400]) --> 402{Original? 402}
    402 -- N --> 404{Free ingress entry? 404}
    402 -- Y --> 406{Ingress bandwidth sufficient*? 406}
    406 -- N --> 408[Deny request]
    406 -- Y --> 410{Is this node final destination? 410}
    410 -- Y --> 412[Update & Accept 412]
    410 -- N --> 414[Compute the egress link and look up the corresponding resource table 414]
    414 --> 416{Found the right entry? 416}
    416 -- Y --> 418{Bandwidth sufficient? 418}
    416 -- N --> 420{Any free switch entry? 420}
    418 -- Y --> 422[Update & Accept 422]
    418 -- N --> 420
    420 -- Y --> 424[Mark CAC request and forward to next 424]
    420 -- N --> 426[Deny request 426]
    424 --> 428{Get response 428}
    428 -- N --> 426
    428 -- Y --> 430[Update & Accept 430]
    430 --> 410
    404 -- N --> 434[Return No 434]
    404 -- Y --> 436{Is this node final destination? 436}
    436 -- Y --> 438[Update & Return Yes 438]
    436 -- N --> 440{Free egress entry? 440}
    440 -- N --> 442[Return No 442]
    440 -- Y --> 444[Forward marked CAC request to next node 444]
    444 --> 446{Get response 446}
    446 -- N --> 448[Return No 448]
    446 -- Y --> 450[Update & Return Yes 450]
    450 --> 410
    412 --> 410
    422 --> 410
    430 --> 410
    438 --> 410
    450 --> 410
    410 --> 410
    410([END 410])

```

FIGURE 4

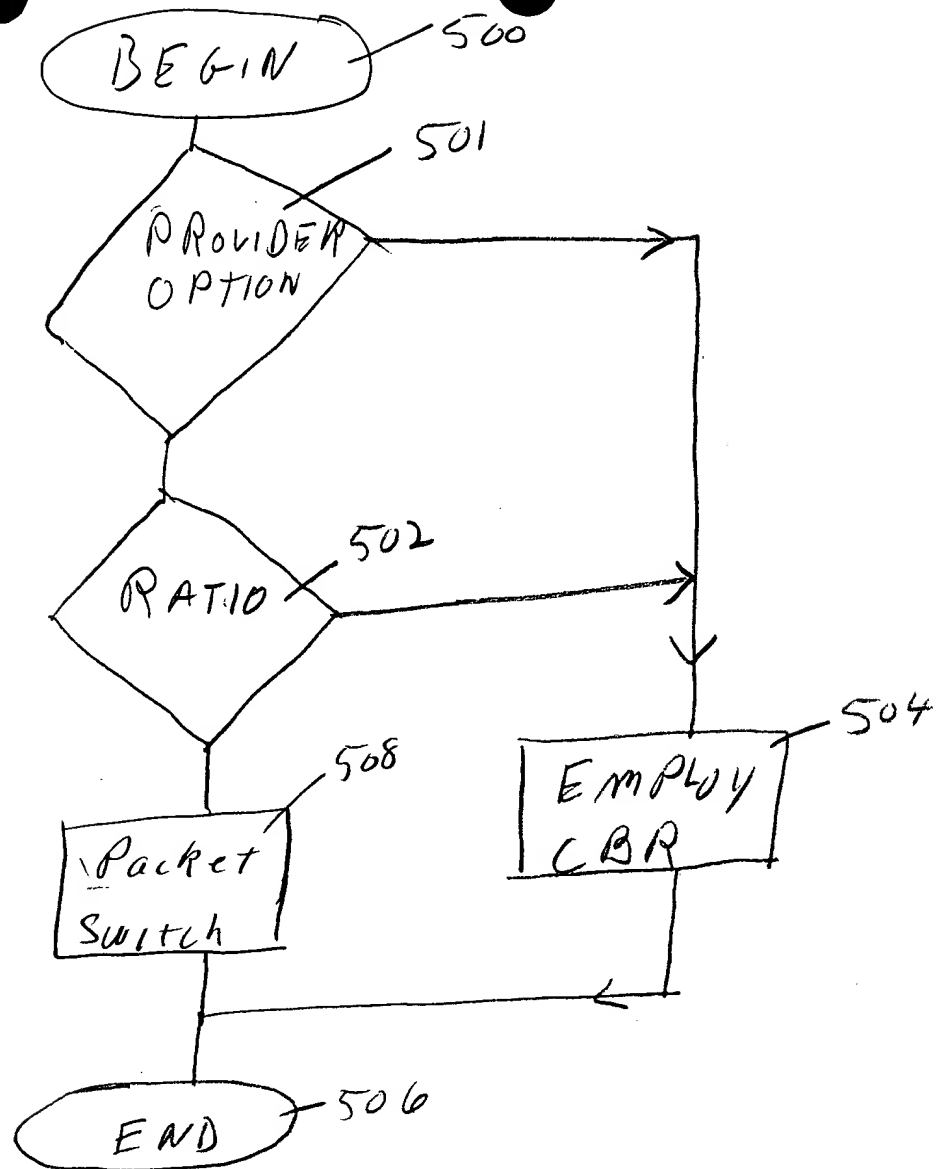


FIGURE 5